

Serial No. **09/853,668**

Docket No. **P-0216**

Amdt. dated May 14, 2007

Reply to Office Action of February 26, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for adjusting a brightness of a display screen of a system, the method comprising:

determining whether there are user signal inputs into the system;

switching the system into an IDLE mode if there are no user signal inputs;

determining processor unit usage indicative of whether certain display related processes are running when in the IDLE mode; and

adjusting the brightness of the display screen when in the IDLE mode based on processor unit usage.

2. (Previously Presented) The method according to claim 1, wherein determining processor unit usage comprises determining a content of a registry of an operating system of the system.

3. (Original) The method according to claim 2, wherein the registry comprises HKEY_DYN_DATA\PerfStats\StatData.

4. (Previously Presented) The method of claim 1, wherein determining processor unit usage comprises retrieving a keyword from an operating system that appears when a video file is read by the system.

5. (Currently Amended) The method according to claim 1, wherein determining processor unit usage comprises measuring a processor usage amount, and reducing the brightness of the ~~liquid crystal~~ display screen if the processor usage amount is below a threshold value.

6. (Previously Presented) The method according to claim 1, wherein determining processor unit usage comprises determining whether the display screen is displaying a movie.

7. (Previously Presented) The method according to claim 6, wherein determining whether the display screen is displaying a movie comprises determining whether a memory device connected to the processor unit is operating.

8. (Original) The method according to claim 7, wherein the memory device comprises a hard disk.

9. (Original) The method according to claim 7, wherein the memory device comprises a CD-ROM.

10. (Original) The method according to claim 7, wherein the memory device comprises a DVD.

11. (Currently Amended) The method according to claim 6, wherein the brightness of the display screen is reduced if the ~~liquid crystal~~ display screen is not displaying a movie.

12. (Previously Presented) The method according to claim 6, wherein the brightness of the display screen is maintained if the display screen is displaying a movie.

13. (Previously Presented) A method for reducing electrical power consumed by a processor unit controlled display screen, the method comprising:

determining processor unit activity indicative of whether certain display related processes are running; and

dimming a brightness of the display screen when the processor unit activity falls below a minimum threshold.

14. (Currently Amended) A computer-readable medium having stored thereon a sequence of computer executable instructions which, when executed by a processor, cause the processor to perform the steps of:

monitoring a system to determine whether certain display related processes are running;

maintaining the brightness of a display if the certain display related processes are running; and

reducing the brightness of a display if the certain display related processes are not running.

15. (Original) The computer readable medium of claim 14, wherein the system is a computer.

16. (Original) The computer readable medium of claim 14, wherein the display is a liquid crystal display screen.

17. (Previously Presented) The computer readable medium of claim 14, further having stored thereon a sequence of instructions which, when executed by a processor, cause the processor to perform the step of monitoring for user input signals.

18. (Previously Presented) The computer readable medium of claim 14, further having stored thereon a sequence of instructions which, when executed by a processor, cause the processor to perform the step of determining whether the system is powered by an internal power source.

19. (Previously Presented) The computer-readable medium of claim 14, wherein the monitoring step comprises determining a processor unit usage amount, and comparing said processor unit usage amount against a reference amount.

20. (Original) The computer-readable medium of claim 19, wherein the reference amount is controllably variable.

21. (Previously Presented) The computer-readable medium of claim 19, wherein determining a processor unit usage amount comprises determining information contained in a registry.

22. (Original) The computer-readable medium of claim 21, wherein the registry comprises HKEY_DYN_DATA\PerfStats\StatData.

23. (Original) The computer-readable medium of claim 14, wherein the monitoring step comprises determining whether a video process related keyword is contained in the currently operating process.

24. (Previously Presented) The computer-readable medium of claim 14, wherein monitoring comprises determining whether a video process related device is in use.

25. (Original) The computer-readable medium of claim 24, wherein the video process related device comprises a readable-and-writeable memory device.

26. (Original) The computer-readable medium of claim 24, wherein the video process related device comprises a read-only memory device.

27. (Original) The computer-readable medium of claim 25, wherein the read-only memory device comprises a CD-ROM.

28. (Original) The computer-readable medium of claim 25, wherein the read-only memory device comprises a DVD.

29. (Original) The computer-readable medium of claim 24, wherein the video process related device comprises a modem.

30. (Previously Presented) The computer-readable medium of claim 14, wherein the monitoring step comprises:

determining a processor unit usage amount and comparing said processor unit usage amount against a reference amount;

determining whether a video process related keyword is contained in the currently operating process; and

determining whether a video process related device is in use.

31. (Previously Presented) An apparatus for reducing electrical power consumed by a processor unit controlled display screen, the apparatus comprising:

means for determining processor unit activity indicative of whether certain display related processes are running; and

means for dimming a brightness of the display screen when the processor unit activity falls below a minimum threshold.

32. (Previously Presented) An apparatus, comprising:

means for monitoring a system to determine whether certain display related processes are running;

means for maintaining the brightness of a display if certain display related processes are running; and

means for reducing the brightness of a display if certain display related processes are not running.

33. (Previously Presented) A method for adjusting a brightness of a display screen of a system, the method comprising:

monitoring the system to determine whether display related processes are running;

maintaining the brightness of a display if display related processes are running; and

reducing the brightness of a display if display related processes are not running.

34. (Original) The method according to claim 33, wherein the system is a computer.

35. (Original) The method according to claim 33, wherein the display is a liquid crystal display screen.

36. (Original) The method according to claim 33, further comprising:
monitoring for user input signals.
37. (Original) The method according to claim 33, further comprising: determining
whether the system is powered by an internal power source.
38. (Previously Presented) The method according to claim 33, wherein monitoring
the system for display related processes comprises determining a processor unit usage amount,
and comparing said processor unit usage amount against a reference amount.
39. (Original) The method according to claim 38, wherein the reference amount is
controllably variable.
40. (Previously Presented) The method according to claim 38, wherein determining a
processor unit usage amount comprises determining information contained in a registry.
41. (Original) The method according to claim 40, wherein the registry comprises
HKEY_DYN_DATA\PerfStats\StatData.

42. (Previously Presented) The method according to claim 33, wherein monitoring the system for display related processes comprises determining whether a video process related keyword is contained in the currently operating process.

43. (Previously Presented) The method according to claim 33, wherein monitoring the system for display related processes comprises determining whether a video process related device is in use.

44. (Original) The method according to claim 43, wherein the video process related device comprises a readable-and-writeable memory device.

45. (Original) The method according to claim 43, wherein the video process related device comprises a read-only memory device.

46. (Original) The method according to claim 45, wherein the read only memory device comprises a CD-ROM.

47. (Original) The method according to claim 45, wherein the read-only memory device comprises a DVD.

48. (Original) The method according to claim 43, wherein the video process related device comprises a modem.

49. (Currently Amended) The ~~computer-readable-medium~~ method of claim 33, wherein monitoring the system for display related processes comprises:

determining a processor unit usage amount and comparing said processor unit usage amount against a reference amount;

determining whether a video process related keyword is contained in the currently operating process; and

determining whether a video process related device is in use.

50. (Previously Presented) The method according to claim 1, wherein the display is a liquid crystal display screen.

51. (Previously Presented) The method of claim 1, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

52. (Previously Presented) The method of claim 1, wherein the display related processes do not include user inputs via a mouse or a keyboard.

53. (Previously Presented) The method of claim 13, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

54. (Previously Presented) The method of claims 13, wherein the display related processes do not include user inputs via a mouse or a keyboard.

55. (Previously Presented) The computer-readable medium of claim 14, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

56. (Previously Presented) The computer-readable medium of claim 14, wherein the display related processes do not include user inputs via a mouse or a keyboard.

57. (Previously Presented) The apparatus of claim 31, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

58. (Previously Presented) The apparatus of claim 31, wherein the display related processes do not include user inputs via a mouse or a keyboard.

59. (Previously Presented) The apparatus of claim 32, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

60. (Previously Presented) The apparatus of claim 32, wherein the display related processes do not include user inputs via a mouse or a keyboard.

61. (Previously Presented) The method of claim 33, wherein the display related processes include at least one of:

playing a CD-ROM;

playing a DVD;

playing a MPEG file; or

playing a video file.

62. (Previously Presented) The method of claim 33, wherein the display related processes do not include user inputs via a mouse or a keyboard.